

Sub D2
I claim:

1. A golf ball comprising:
a core;
an inner cover layer disposed on said core, said inner cover layer having a thickness of from about 0.100 to about 0.010 inches, said inner cover layer comprising a blend of two or more ionomer resins, at least one of which contains no more than 16% by weight of an alpha, beta-unsaturated carboxylic acid; and
an outer cover layer disposed on said inner cover layer, said outer cover layer having a thickness of 0.010 to 0.070 inches, and said outer cover layer comprising a polyurethane material.

2. The golf ball according to claim 1, wherein said golf ball has an overall diameter of 1.680 inches or more, said inner cover layer having a Shore D hardness of at least 60, and said outer cover layer having a Shore D hardness of less than 64.

3. The golf ball according to claim 1, wherein said inner cover layer has a thickness of about 0.050 inches, said outer cover layer has a thickness of about 0.055 inches, and said golf ball has an overall diameter of 1.680 inches or more.

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4. A multi-layer golf ball comprising:
a spherical core;
an inner cover layer having Shore D hardness of at least 60 disposed on said spherical core, said inner cover layer comprising an ionomeric resin including no more than 16% by weight of an alpha, beta-unsaturated carboxylic acid and having a modulus of from about 15,000 to about 70,000 psi; and
an outer cover layer having a Shore D hardness of about 64 or less disposed about said inner cover layer and defining a plurality of dimples to form a multi-layer golf ball, said outer cover layer comprising a polyurethane

based material and said outer cover layer having a thickness of from about 0.010 to about 0.070 inches.

5. A golf ball according to claim 4, wherein said inner cover layer has a thickness of about 0.100 to about 0.010 inches, said golf ball having an overall diameter of 1.680 inches or more.

4. A golf ball according to claim 3 wherein said inner cover layer has a thickness of about 0.050 inches and said outer cover layer has a thickness of about 0.055 inches, said golf ball having an overall diameter of 1.680 inches or more.

5. A multi-layer golf ball comprising:
a spherical core;
an inner cover layer disposed over said spherical core to form a spherical intermediate ball, said inner cover layer having a Shore D hardness of at least 60, said inner cover layer comprising an ionomeric resin having no more than 16% by weight of an alpha, beta-unsaturated carboxylic acid and having a modulus of from about 15,000 to about 70,000 psi, and said inner cover layer having a thickness from about 0.100 to about 0.010 inches; and
a dimpled outer cover layer disposed over said spherical intermediate ball to form a multi-layer golf ball, said outer cover having a Shore D hardness of 64 or less, said outer layer comprising a polyurethane, said outer cover layer having a modulus in a range of about 1,000 to about 30,000 psi, and said outer cover layer having a thickness of from about 0.010 to about 0.070 inches.

6. The multi-layer golf ball of claim 5 wherein the Shore D hardness of said outer cover layer is less than the Shore D hardness of said inner cover layer.